

Application No. 10/043,831
Amendment Dated December 3, 2003
Reply to Office Action dated July 2, 2003



AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel Claims 1-21.

A1

1. (Cancelled).
2. (Cancelled).
3. (Cancelled).
4. (Cancelled).
5. (Cancelled).
6. (Cancelled).
7. (Cancelled).
8. (Cancelled).
9. (Cancelled).
10. (Cancelled).
11. (Cancelled).
12. (Cancelled).
13. (Cancelled).
14. (Cancelled).
15. (Cancelled).
16. (Cancelled).

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17. (Cancelled).

18. (Cancelled).

19. (Cancelled).

20. (Cancelled).

21. (Cancelled).

Please amend Claim 22 as follows:

22. (Currently Amended) A method of forming a door wholly composed of thermoset plastics, the method comprising the steps of: forming a body of synthetic, structural-density foam material and connecting a length of pultruded synthetic material ~~having a low coefficient of thermal expansion~~ to one edge of the body, the length comprising two side walls extending from a base, an outer face of each side wall having spaced apart projections, attaching lengths of pultruded synthetic material ~~having a low coefficient of thermal expansion~~ to the other edges of the body to provide a peripheral framework, applying an adhesive to the side walls and then applying a skin to cover the ^{wall} frame and body and curing the adhesive to unite the skin to the framework.

Please add the following claims:

23. (New) A door comprising a framework formed from lengths of pultruded, synthetic thermoset material, the space defined by the framework being at least partially occupied by a core comprising a body of synthetic, structural-density, foam material, wherein the framework is rectangular and skins extend across opposed faces of said framework, said framework having top and bottom lengths and opposed side lengths, at least one of said side lengths comprising a base to

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contact an edge of said foam material and two side arms to extend from said base between said body and said skins, and wherein an outer face of said side arms is shaped to receive and retain set adhesive by which said skin and said side lengths are held together.

24. (New) A door according to Claim 23 wherein said side arms comprise spaced-apart ridges on outer-directed surfaces and between which said set adhesive is received and retained.

25. (New) A door according to Claim 23 wherein said base comprises an extension portion having a recess to receive a weather seal.

26. (New) A door comprising a framework formed from lengths of pultruded, synthetic thermoset material, the space defined by the framework being at least partially occupied by a core comprising a body of synthetic, structural-density, foam material, wherein the framework is rectangular and skins extend across opposed faces of said framework, said framework having top and bottom lengths and opposed side lengths, each of said lengths comprising a respective base to contact an edge of said foam material and two side arms to extend from said bases between said body and said skins, and wherein an outer face of said side arms is shaped to receive and retain set adhesive by which said skin and said side lengths are held together.

27. (New) A door according to Claim 23 wherein said lengths of pultruded, synthetic thermoset material are hollow.

28. (New) A door according to Claim 26 wherein said lengths of pultruded, synthetic thermoset material are hollow.

29. (New) A door according to Claim 23 wherein at least one of said skins is formed from a thermoset material.

30. (New) A door according to Claim 26 wherein at least one of said skins is formed from a thermoset material.

31. (New) A door according to Claim 29 wherein said foam is polyurethane, polyester, vinylester, epoxy or phenolic foam.

32. (New) A door according to Claim 30 wherein said foam is polyurethane, polyester, vinylester, epoxy or phenolic foam.

33. (New) A length for a framework for a door wherein said length comprises:

a base portion to contact an edge of a foam body;

two side arms which extend from said base on opposed sides thereof, said two side arms being located between said foam body and facing door skins when said length is formed into a door; and

wherein each of said side arms has an outer face that is shaped to receive and retain adhesive by which a door skin and said side length are held together.